

Study Finds Fall Babies at Higher Risk of Lifetime of Allergic Diseases

Researchers working to stop the chain reaction of eczema, food allergies, asthma and hay fever

National Jewish Health

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NEWS PACKAGE

SUGGESTED TEASE	A NEW STUDY FINDS THE TIME OF YEAR A BABY IS BORN MAY PUT THEM AT HIGHER RISK FOR A LIFETIME OF DANGEROUS ALLERGIC CONDITIONS. DETAILS, COMING UP.
ANCHOR LEAD	MORE THAN FIVE MILLION CHILDREN HAVE FOOD ALLERGIES ¹ , A NUMBER THAT IS ON THE RISE. RESEARCHERS ARE WORKING TO FIND THE REASON BEHIND THIS INCREASE AND SAY FOOD ALLERGIES OFTEN START FROM AN UNLIKELY PLACE – THE SKIN. NOW A NEW STUDY ² FINDS THE TIME OF YEAR A BABY IS BORN MAY PUT THEM AT HIGHER RISK, NOT JUST FOR FOOD ALLERGIES, BUT A PROGRESSION OF ALLERGIC CONDITIONS. BARB CONSIGLIO HAS THE DETAILS ON HOW DOCTORS ARE GETTING CLOSER TO BEING ABLE TO STOP IT IN ITS TRACKS.
(PACKAGE START) ----- CG: Courtesy: National Jewish Health :00 - :03	(Nats - Sound) :02
Shots of Jessica putting eczema cream on AJ's arm	FIVE-YEAR-OLD A-J GRADY HAS ALWAYS HAD ECZEMA, BUT WHEN HE DEVELOPED HIVES AS HE STARTED EATING SOLID FOOD, HIS MOM JESSICA SUSPECTED THESE ISSUES WEREN'T JUST ABOUT HIS SKIN. :07
CG: Jessica Grady Son has eczema and food allergies	<i>"He had eczema pretty much from birth, so just the combination of the two things really kind of clued us in to that he had a food allergy." :09</i>
Shots of Jessica making snack	A-J'S ALLERGIES TO MILK AND CITRUS ARE PART OF A COMMON CHAIN REACTION KNOWN AS THE ATOPIC MARCH.
Shots of AJ eating different snack than his brothers	IT BEGINS IN INFANCY WITH ECZEMA AND LEADS TO FOOD ALLERGIES, ASTHMA AND HAY FEVER. :08

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<p>CG: Jessica Hui, MD National Jewish Health</p>	<p><i>“The skin barrier is quite disrupted in kids with eczema and even our kids with food allergy. The skin is actually a way for different microbes and even food allergens to get into our body.” :13</i></p>
<p>Shots of researchers in lab</p>	<p>RESEARCHERS BELIEVE THAT IS PRECISELY WHAT SETS OFF THE ATOPIC MARCH.</p>
<p>Shots of newborn</p>	<p>IT’S SOMETHING DOCTOR JESSICA HUI AND HER TEAM AT NATIONAL JEWISH HEALTH IN DENVER HAVE STUDIED FOR YEARS, AND IN THEIR LATEST STUDY THEY FOUND THAT ONE OF THE RISK FACTORS IS THE TIME OF YEAR BABIES ARE BORN.</p>
<p>Dr. Hui (CG’d earlier)</p>	<p><i>“We found that children born in the fall, or September, October, and November, have a higher risk of developing the whole atopic march of eczema, food allergy, asthma, and allergic rhinitis.” :12</i></p>
<p>Shots of skin samples being examined in lab</p>	<p>A NEW CLINICAL TRIAL WILL FURTHER EXAMINE WHY BABIES BORN IN THE FALL TEND TO HAVE WEAKENED SKIN BARRIERS.</p>
<p>Shots of lotion being applied to baby in clinic</p>	<p>RESEARCHERS ARE ENROLLING PREGNANT WOMEN AND FOLLOWING THEIR BABIES THROUGH EARLY CHILDHOOD TO EXAMINE A WIDE SPECTRUM OF ENVIRONMENTAL FACTORS, GENETICS AND SKIN COMPOSITION TO BETTER UNDERSTAND THE CAUSES OF THE ATOPIC MARCH AND FIND WAYS TO PREVENT IT. :17</p>
<p>Shots of sequencing in lab</p>	<p><i>“We think if we can intervene at a very, very, very young age, even right after the baby's out of the womb, then potentially that's a way for us to try to stop the development of this atopic march.” :14</i></p>
<p>Dr. Hui (CG’d earlier)</p>	<p>JESSICA SAYS, FOR PARENTS, KNOWING THE RISKS AND BEING ABLE TO TAKE PREVENTIVE ACTION WOULD LIFE CHANGING. :05</p>
<p>Shots of brothers eating together</p>	<p><i>“As a parent, it would mean no worry about them going out into the world and reacting to anything. It’d be fantastic. It’d take away a ton of stress. It’d take away allergy medications and allergy shots just to live a normal life.” :12</i></p>
<p>Jessica Grady (CG’d earlier)</p>	<p>AT NATIONAL JEWISH HEALTH, THIS IS BARB CONSIGLIO REPORTING.:02</p>
<p>Shots of AJ eating snack (PACKAGE END) -----</p>	<hr/> <p>RESEARCHERS SAY SOLUTIONS SUCH AS INTRODUCING ALLERGENIC FOODS EARLY IN LIFE</p>
<p>ANCHOR TAG</p>	


<p>CG: Jessica Grady Son has eczema and food allergies</p>	<p>Jessica says it's hard to watch her son suffer from eczema: <i>"You watch your child suffer. They're itchy, they're uncomfortable and they're constantly scratching, which makes it worse because it's already agitating something that's agitated."</i> :11</p>
	<p>Jessica says those in their family born in the fall have allergies: <i>"Out of the six of us in the household, the four of us who were born in the fall have eczema and food allergies and two of us were born in the spring and have no problems at all."</i> :12</p>

References

¹*The Public Health Impact of Parent-Reported Childhood Food Allergies in the United States, Pediatrics, Volume 142, Issue 6, Dec 2018.* Online:
<https://pediatrics.aappublications.org/content/142/6/e20181235>.

²*The atopic march and Staphylococcus aureus colonization are associated with fall birth, The Journal of Allergy and Clinical Immunology: In Practice, Aug 2020.* Online:
<https://www.sciencedirect.com/science/article/abs/pii/S2213219820305067?via%3Dihub>

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